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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/051,804B

DATE: 12/26/2002
 TIME: 13:19:46

Input Set : A:\K163-cip.app
 Output Set: N:\CRF4\12262002\J051804B.raw

4 <110> APPLICANT: ANGEL, PETER
 5 HERRLICH, PETER
 6 VAN DAM, HANS
 7 VAN DER ERB, ALEX
 9 <120> TITLE OF INVENTION: TRANSCRIPTION FACTORS AND THEIR USE
 11 <130> FILE REFERENCE: K-163-CIP
 13 <140> CURRENT APPLICATION NUMBER: 10/051,804B
 14 <141> CURRENT FILING DATE: 2002-01-11
 16 <150> PRIOR APPLICATION NUMBER: 09/679,695
 17 <151> PRIOR FILING DATE: 2000-10-05
 19 <150> PRIOR APPLICATION NUMBER: PCT/EP99/01805
 20 <151> PRIOR FILING DATE: 1999-03-18
 22 <150> PRIOR APPLICATION NUMBER: DE 190 15 331.7
 23 <151> PRIOR FILING DATE: 1998-04-06
 25 <160> NUMBER OF SEQ ID NOS: 37
 27 <170> SOFTWARE: PatentIn Ver. 2.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 31
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
 36 sequence
 38 <220> FEATURE:
 39 <221> NAME/KEY: MOD_RES
 40 <222> LOCATION: (2)..(7)
 41 <223> OTHER INFORMATION: Variable amino acid
 43 <220> FEATURE:
 44 <221> NAME/KEY: MOD_RES
 45 <222> LOCATION: (9)..(13)
 46 <223> OTHER INFORMATION: Variable amino acid
 48 <220> FEATURE:
 49 <221> NAME/KEY: MOD_RES
 50 <222> LOCATION: (14)
 51 <223> OTHER INFORMATION: Tyr or Gly
 53 <220> FEATURE:
 54 <221> NAME/KEY: MOD_RES
 55 <222> LOCATION: (15)
 56 <223> OTHER INFORMATION: Variable amino acid
 58 <220> FEATURE:
 59 <221> NAME/KEY: MOD_RES
 60 <222> LOCATION: (17)..(22)
 61 <223> OTHER INFORMATION: Variable amino acid

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Input Set : A:\K163-cip.app
 Output Set: N:\CRF4\12262002\J051804B.raw

63 <220> FEATURE:
 64 <221> NAME/KEY: MOD_RES
 65 <222> LOCATION: (24)..(29)
 66 <223> OTHER INFORMATION: Variable amino acid
 68 <220> FEATURE:
 69 <221> NAME/KEY: MOD_RES
 70 <222> LOCATION: (31)
 71 <223> OTHER INFORMATION: Variable amino acid
 73 <400> SEQUENCE: 1

 74 Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu
 75 1 5 10 15

 77 Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa
 78 20 25 30
 81 <210> SEQ ID NO: 2
 82 <211> LENGTH: 31
 83 <212> TYPE: PRT
 84 <213> ORGANISM: Unknown Sequence
 86 <220> FEATURE:
 87 <223> OTHER INFORMATION: Description of Unknown Sequence: cJun wt
 89 <400> SEQUENCE: 2
 90 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
 91 1 5 10 15
 93 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
 94 20 25 30
 97 <210> SEQ ID NO: 3
 98 <211> LENGTH: 31
 99 <212> TYPE: PRT
 100 <213> ORGANISM: Artificial Sequence
 102 <220> FEATURE:
 103 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 104 peptide
 106 <400> SEQUENCE: 3
 107 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
 108 1 5 10 15
 110 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
 111 20 25 30
 114 <210> SEQ ID NO: 4
 115 <211> LENGTH: 31
 116 <212> TYPE: PRT
 117 <213> ORGANISM: Artificial Sequence
 119 <220> FEATURE:
 120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 121 peptide
 123 <400> SEQUENCE: 4
 124 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
 125 1 5 10 15
 127 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
 128 20 25 30
 131 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING DATE: 12/26/2002
PATENT APPLICATION: US/10/051,804B TIME: 13:19:46

Input Set : A:\K163-cip.app
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132 <211> LENGTH: 31
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138 peptide
140 <400> SEQUENCE: 5
141 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
142 1 5 10 15
144 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
145 20 25 30
148 <210> SEQ ID NO: 6
149 <211> LENGTH: 31
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
155 peptide
157 <400> SEQUENCE: 6
158 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
159 1 5 10 15
161 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
162 20 25 30
165 <210> SEQ ID NO: 7
166 <211> LENGTH: 31
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
172 peptide
174 <400> SEQUENCE: 7
175 Leu Lys Glu Lys Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
176 1 5 10 15
178 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
179 20 25 30
182 <210> SEQ ID NO: 8
183 <211> LENGTH: 31
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
189 peptide
191 <400> SEQUENCE: 8
192 Leu Lys Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
193 1 5 10 15
195 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
196 20 25 30
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 31

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Input Set : A:\K163-cip.app
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201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
206 peptide
208 <400> SEQUENCE: 9
209 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
210 1 5 10 15
212 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
213 20 25 30
216 <210> SEQ ID NO: 10
217 <211> LENGTH: 31
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
223 peptide
225 <400> SEQUENCE: 10
226 Leu Lys Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
227 1 5 10 15
229 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
230 20 25 30
233 <210> SEQ ID NO: 11
234 <211> LENGTH: 31
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240 peptide
242 <400> SEQUENCE: 11
243 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
244 1 5 10 15
246 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
247 20 25 30
250 <210> SEQ ID NO: 12
251 <211> LENGTH: 31
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257 peptide
259 <400> SEQUENCE: 12
260 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
261 1 5 10 15
263 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
264 20 25 30
267 <210> SEQ ID NO: 13
268 <211> LENGTH: 31
269 <212> TYPE: PRT

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Input Set : A:\K163-cip.app

Output Set: N:\CRF4\12262002\J051804B.raw

270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
274 peptide
276 <400> SEQUENCE: 13
277 Leu Glu Glu Lys Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
278 1 5 10 15
280 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
281 20 25 30
284 <210> SEQ ID NO: 14
285 <211> LENGTH: 31
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291 peptide
293 <400> SEQUENCE: 14
294 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
295 1 5 10 15
297 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
298 20 25 30
301 <210> SEQ ID NO: 15
302 <211> LENGTH: 31
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
308 peptide
310 <400> SEQUENCE: 15
311 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
312 1 5 10 15
314 Ser Thr Ala Asn Met Leu Glu Glu Val Ala Gln Leu Glu Gln
315 20 25 30
318 <210> SEQ ID NO: 16
319 <211> LENGTH: 31
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
325 peptide
327 <400> SEQUENCE: 16
328 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
329 1 5 10 15
331 Ser Thr Ala Asn Met Leu Glu Glu Val Ala Gln Leu Glu Gln
332 20 25 30
335 <210> SEQ ID NO: 17
336 <211> LENGTH: 31
337 <212> TYPE: PRT
338 <213> ORGANISM: Unknown Sequence

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/26/2002
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Input Set : A:\K163-cip.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26
Seq#:1; Xaa Pos. 27,28,29,31
Seq#:21; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:22; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:23; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:24; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:25; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:26; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:27; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:28; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:29; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:30; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:31; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:32; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:33; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:34; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:35; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:36; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:37; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29